

SYSTEMS AND METHODS FOR EFFICIENT QUANTIZATION

ABSTRACT OF THE DISCLOSURE

A method in a signal processor for quantizing a digital signal is provided. A fixed-point approximation of a value X/Q is generated, wherein X is a fixed-point value based on one or more samples in the digital signal, and wherein Q is a fixed-point quantization parameter. A correction is generated, and the approximation is modified with the correction.

SF 1281203 v1